

FIGURE 1

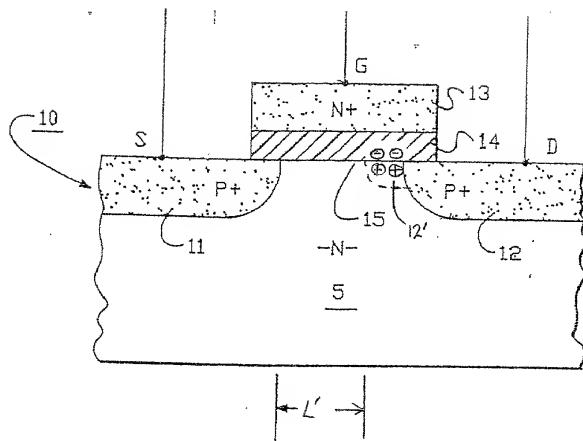


FIGURE 2

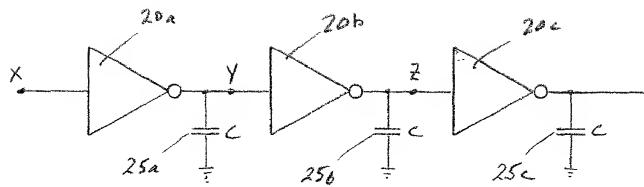


Figure 3

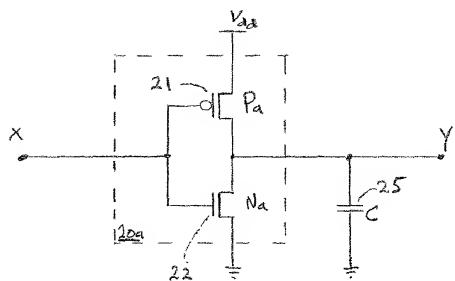


FIGURE 4

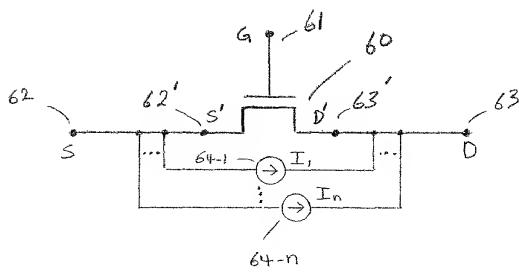


FIGURE 6

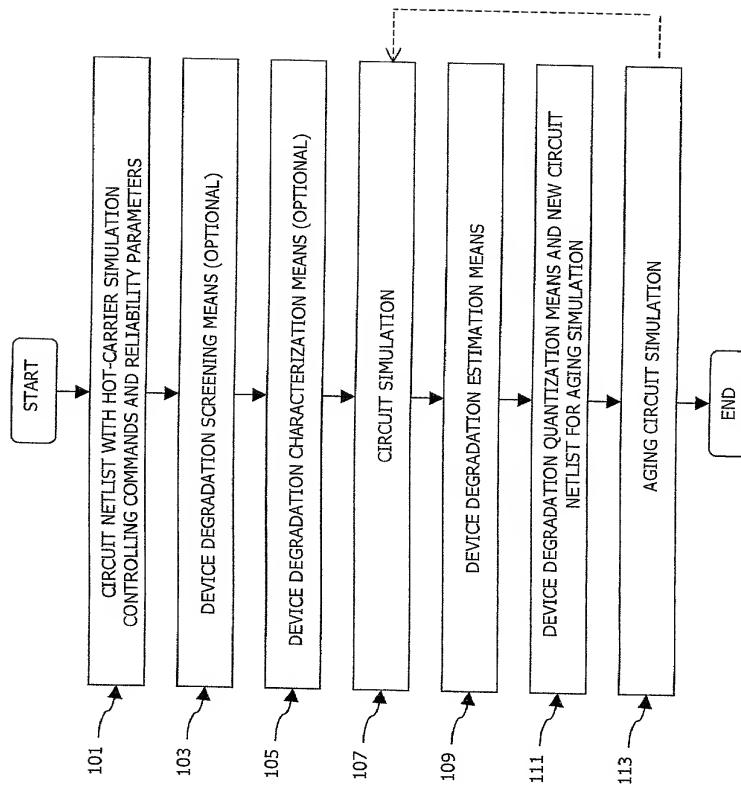


Figure 5

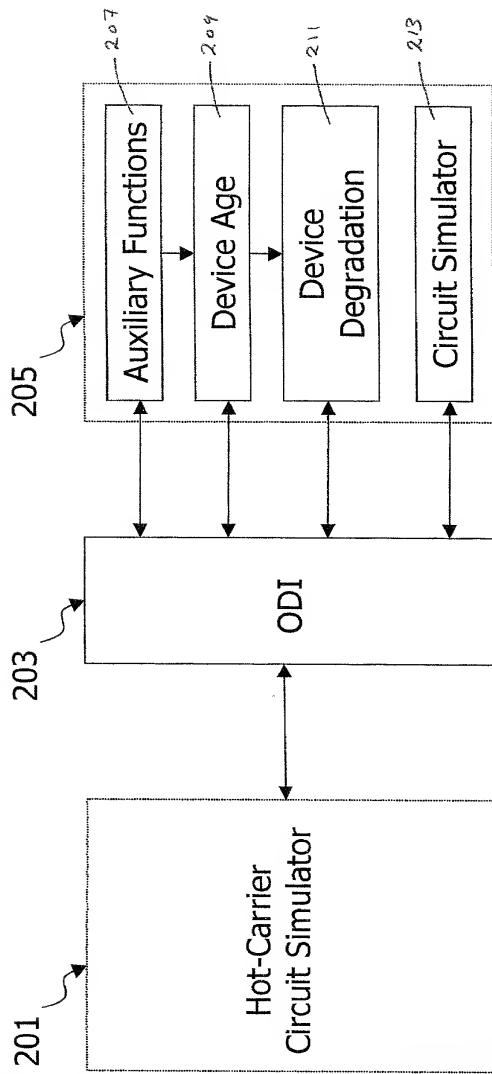


Figure 7

```

m1 1 2 3 4 nmos W=10u L=0.25u

.subckt NM n1 n2 n3 n4 W_VALUE L_VALUE age
.param age = AGE_VALUE
m1 n1 n2 n3 n4 nmos W=W_VALUE L=L_VALUE
.ends

Xm1 1 2 3 4 10e-6 0.25e-6 age1 NM

.msubckt NM n1 n2 n3 n4 W_VALUE L_VALUE age
.param age = '0.7+5*age'
m1 n1 n2 n3 n4 nmos W=W_VALUE L=L_VALUE
.ends

Xm1 1 2 3 4 10e-6 0.25e-6 age1 NM

```

Figure 8